



**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Yasunori OGAWA et al.

Application No.: 09/598,268

Filed: June 21, 2000

For: LIQUID CRYSTAL DEVICE AND PROJECTOR USING THE SAME

Group Art Unit: 2871

Examiner: V. Nguyen

Docket No.: 106187

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**AMENDMENT UNDER 37 C.F.R. §1.111**

Director of the U.S. Patent and Trademark Office  
Washington, D.C. 20231

Sir:

In reply to the Office Action mailed March 15, 2002, the period for reply being extended by the attached Petition for Extension of Time, please amend the above-identified application as follows:

**IN THE SPECIFICATION:**

Page 9, lines 23-Page 10, line 5, delete current paragraph and insert therefor:

21  
As described with reference to Figs. 2(A)-(B), the liquid crystal device 100 modulates the linear polarized light aligned by the entrance side polarizer 100a in the liquid crystal cell 100b, and modulates the quantity of light passing the exit side polarizer 100c, thereby generating light representing an image. As described above, when birefringence is generated in a member constituting the liquid crystal device, the quantity of light usable in the liquid crystal device decreases, and the quantity of unusable light increases. For example, when displaying a black image, it is ideal that no light should be emitted from the liquid crystal device. However, in some cases, light is allowed to be emitted from the liquid crystal device by the generation of birefringence. When displaying a white image, on the other hand, the quantity of light emitted from the liquid crystal device decreases. As a result, a deterioration